

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Ho4bart@aol.com
Subject: Re: "Historic Wireless Archives!"
Message-ID: <970320130407_653443862@emout06.mail.aol.com>

In a message dated 97-03-19 23:22:30 EST, jeffreyh@hawaii.edu (Jeffrey Herman) writes:

<<

This happens to be the least expensive book in the catalog, but probably the only one worth buying...

CRB Research Books, Inc., Box 56, Commack, NY 11725.

>>

Unfortunately Tom Kneitel for health reasons had to step down from editorship of Popular Communications (which i sometimes called Gee Whiz Communcations). He is an interesting writer, no doubt america's No.1 SWL, with experience right back to the immediate postwar years. This wealth of experience, plus interest in history, plus his idiosyncratic hipster persona and sense of humor, make for some interesting writing. The downside may be that he's not always interested in persuing the minutia if it gets in the way of a good story. For example, in a comment either in Pop Com or CB Radio (now RIP, unfortunately) in the last fraction of a year, he included with a clip-art sketch of the Navy TBY portable radio (from a 1950s surplus ad) the comments that this was a "rugged & reliable radio used in the invasions of Tarawa & Iwo Jima", when in fact the TBY was an unstable, heavy, and moisture-vulnerable obsolete design. With its history of inadequacy in island warfare the set was quickly jettisoned once the SCR-300 (BC-1000) "walkietalkie" came on line in '43. (the SCR-300 can be seen in the uncropped photos of the raising of the flag at Iwo). So his comments in this case, for example, are pure hearsay or imagination. One of the great things about Tom Kneitel was that every month he took time to personally answer his detractors. I wish i still had his 2-page rejoinder to my letter complaining about the photo editing and captions in Pop Comm. (Oh btw perhaps i should have prefaced the above by explaining that CRB is his business. and that what follows is generally related to his book business altho not a comment on the accuracy of the reviewed book.) hue miller

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Robert Nickels <ranickel@mwci.net>
Subject: Re: "Historic Wireless Archives!"
Message-ID: <3331F86E.1219@mwci.net>

Ho4bart@aol.com wrote:

> This wealth of experience, plus interest in history, plus his > idiosyncratic
hipster persona and sense of humor, make for
> some interesting writing.

I still remember the laughing fit I had in 10th grade study hall
when I read the following Tom Kneitel comment in the copy of
Electronics Illustrated I was concealing in my math book:

Reader: "How can you write all those smart-alec answers to people
who write to you with legitimate technical questions?"

Kneitel: "On a Royal Portable."

73, Bob W9RAN

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Ho4bart@aol.com
Subject: "Radioactive Substances for Experimenters"
Message-ID: <970321032432_-1538590729@emout06.mail.aol.com>

RADIUM AND RADIOACTIVE SUBSTANCES

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Ho4bart@aol.com
Subject: "Radioactive Substances for Experimenters"
Message-ID: <970321035008_671111810@emout17.mail.aol.com>

RADIUM and RADIOACTIVE SUBSTANCES for EXPERIMENTERS

Radioactive salts, containing one microgram pure Radium.
Very powerful Brilliant white luminescence in the dark!
10 Milligram of this most carefully prepared Radioactive
Salts, sealed in a glass tube (protected by a metal
container), with which every Radium experiment can be
conducted, are furnished.
Price of one tube of Radium Salts as described, sent post
paid \$1.00
The contents of this tube can be mixed with special sulfides
to form real Radium paint.
Small bottle of Special Sulfide with liquid adhesive, prepaid
\$0.50

Send for one of these preparations today.
Sidney Specialty Co., New York City

(Electrical Experimenter magazine, Sept. 1918 .
file this with the 'paint thread', under 'restoring
radioactive panels'. --hue miller)

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Mort Denison <mdenison@postoffice.ptd.net>
Subject: *** Contact rogerengle@aol.com *** [Fwd: FS:Repair manual TV-7 tube
tester]
Message-ID: <3331CC3B.7AA0@postoffice.ptd.net>

Path: news.ptd.net!newsgate.ptd.net!news.fast.net!news.sprintlink.net!news-
dc-5.sprintlink.net!feed1.news.erols.com!howland.erols.net!
newsxfer3.itd.umich.edu!portc01.blue.aol.com!audrey01.news.aol.com!not-for-mail
From: rogerengle@aol.com (RogerEngle)
Newsgroups: rec.antiques.radio+phono
Subject: FS:Repair manual TV-7 tube tester
From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Dale Braun <dale.k.braun@uwrf.edu>
Subject: 6DC6 subs -Reply
Message-ID: <s3310150.089@adngate.adn.uwrf.edu>

I would concur with the post that the 6CB6 makes a good receiver front end
tube. I once had a receiver with a 6BZ6 front end that I could not tame. I
replaced it with a 6CB6, which had a little lower transconductance, and that
receiver tamed right down and worked very well with plenty of sensitivity.

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Mail List Owner <listown@jackatak.theporch.com>
Subject: ADMINISTRIVIA: Using The Archives
Message-ID: <9703201115.aa07186@jackatak.theporch.com>

Gang-

This periodic post is designed to help everyone gain more value from
their boatanchors subscription.

SAVE THIS FILE FOR FUTURE REFERENCE!!!!!!

Often I receive an email request, or I read on the list, of someone
who is aware there is an archive available with some special files
with special information that is of a more permanent nature than a

post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by email... quickly and easily.

Step One:

send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

in the body type:

index boatanchors

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:

get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile (75M SSB 2-letter WAS #1657/#1789 -- both all mobile! ;^)

- - - BoatAnchor Mailing List Archiver/Owner - - -

listtown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>

Subject: AN/URC-64T

Message-ID: <3332161C.633E@hpcmmp13.sj.hp.com>

I am looking for a schematic or manual for a AN/URC-64 T Radio Set.

If anyone has any info on this set would like to get a copy. Will

reemburse for any copy and postage costs.

73's

Mike

--

This is a private opinion or statement and is nobody's fault but mine.
No person, employer, or government should try to take credit for it

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~~~~~  
| Mikhael Brown                      email: mikhael_brown@sj.hp.com |  
|                                     |  
|      ///                          |  
|      |                            |  
|     /|\                           |  
|     N6WIG                         |  
|                                     |  
~~~~~
```

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: Ron Thomas <rthomas@gulf.net>

Subject: Atwater Kent & PRC-25 Antenna

Message-ID: <3331AA6E.210E@gulf.net>

A friend of mine has an old Atwater Kent Model 35 radio that he wants to sell. It looks restorable although it will take some work. It has all the tubes and looks to be complete except for the baseplate (wood?). The id plate is stamped 1924 and it is serial no. 831156. Some rusty cans and other components are on the inside and it looks like the three tuning capacitors are missing dialstring. Anybody want this radio? What's it worth? I'm sure he will sell to the best offer plus shipping. E-mail me if you're interested and I will relay your offer to the owner.

He also has an interesting looking surplus antenna for a PRC-25. This thing is in sections about two feet long and snaps together with some elastic cord which is strung through the center of each section. It also has what appears to be a base loading coil which screws into the bottom section. Can anybody tell me what frequency this antenna was designed for? It would appear to be HF possibly.

Ron N4RT

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: Larry Godek <AZCOT@gnn.com>

Subject: BC-344 FS

Message-ID: <199703211211.HAA25405@mail-e2b.gnn.com>

For those of you who don't have one, its a real clean radio. Covers from about 200kc to 1500 kc. BC band is something that most of the mil gear forgot about and for a reason. However if you have the military receivers, 312, 342, TCS etc, and want to use a Gonset or other converter to listen to the 10, 6 or 2 meter band, then you should look for one of these. I think its available for less than \$100. Thats all I know about it except that its in Tucson, AZ. Owners mail id or phone number on request.

He also had a 342 with rack mount. That baby, clean as a pin but hums will soon be residing in my stable. Both have the RA-20 AC supplies.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Emile_Imberman@3mail.3com.com
Subject: Bell & Howell Manuals
Message-ID: <88256460.00806DFE.00@hqoutbound.ops.3com.com>

Hi,

I'm not quite sure that this qualifies as BA's, but here goes anyway. I have 4 Manuals from the Bell & Howell Schools. These are the Assembly/Instruction Manuals for the Digital Multimeter. The instructions look very much like Heathkit and the Multimeter as well could be a Heath with the B&H logo. These are just laying around in the shack and I would be willing to trade these off for other manuals. If you need these, let me know.....
Emile_Imberman@3Mail.3com.com

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "Allan Fritsche" <fritsche@msn.com>
Subject: Bent Panels on th R-390A

Message-ID: <UPMAIL03.199703210043330958@msn.com>

Mark, The meters went into a land fill , not the Darn Front Panel.
Now I am beginning to doubt if the meters made it, either...
Some Where , some one has all the the meters in the world and a few brand new front panels that will last us a lifetime,,
But no, I don't think that anyone busted your Panel on purpuse, When I worked on these guys, we could have cared less about the condition of the cosmetics.. They where used for real work.. Now I did see at one time a fellow that couldn't fix an intermittent problem and just dump the unit from the work bench to the floor. Needless to say it went to an echolon higher then us for repair.

But to answer your question, NO one hit the damm thing with a Hammer.

Al
fritsche@msn.com

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Tom Clarke <fclarke@erols.com>
Subject: Re: BOATANCHORS digest 1341
Message-ID: <331C0896.6C79@erols.com>

RE: How many 327s do you need?

Sorry for the bandwidth!! Needless to say I don't have enough 327s for all!! It should have been a private post. I'll figure out which button to push one of these days.....

Tom

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: WA6GYD@aol.com
Subject: Boonton sig gen calibrator
Message-ID: <970320134608_953930201@emout04.mail.aol.com>

I got this with a bunch of other stuff at the Foothill flea market last year. It says on the front panel Sig. Gen calibrator type 245D. Has a BNC chassis con. and a cable with a male bnc on the end. Has a meter on the front cal. in % of AM and three "set level" marks "A" "B" and "C". No book and no accesories. Condidtion about a 6.

There are other controls and I will be happy to tell you what via privit

E-Mail. Any interest?? What is it??

Don

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Mike Warren <m_warren@compuserve.com>
Subject: Collins 75A-4 Vernier knob for sale
Message-ID: <199703210046_MC2-12E5-8BA8@compuserve.com>

Hi Gang,

I stumbled across an item Collins fans might want.

It's a Collins Vernier Tuning knob, p/n 541-6291-00. It's unused, in original box, with Installation Manual dated 1956. The other marking on the box is "307E-1". The manual says it's a 4-to-1 reduction tuning knob for a 75A-4, but "can be used with earlier models such as KWS-1, 75A-2 or 75A-3".

I have no use for it, so make me an offer if you're interested. I would prefer to trade it, however. I need a meter for a Hallicrafters HT-30 transmitter.

73,

Mike W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: heikud@directcon.net (Dennis Heikura)
Subject: DX-60 Manual
Message-ID: <199703210021.QAA20953@zeus.directcon.net>

Hi Gang, Am in need of a manual or copy of, for a plain vanilla Heath. DX-60. Also need a meter cover or meter for same.

Thanks in Advance,
73==Denny

=====Real Radios Wear Heathkit
Green=====

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: "Dennis M. Fox" <foxd@mail.grady.public.lib.ga.us>

Subject: Equipment Racks

Message-ID: <199703210400.XAA01054@morse.public.lib.ga.us>

Sorry to take up the bandwidth but I'm looking for a good looking equipment rack for my soon to be acquired BA's. Had a post from Atlanta but Mail server wouldn't accept reply. Please resend. Anyone in Southeast got anything, please let me know as I'm also shopping for other hams w/o net access. Thanks!

Dennis Fox

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: MEC <danmec@inet.uni-c.dk>

Subject: FS BC 655A

Message-ID: <Pine.3.89.9703210903.A27847-0100000@inet.uni-c.dk>

I have a box labelled BC 655A * Target ~ collecting dust. In good shape. Anyone interested ? I have no idea of the value, but shipping to N/A will run some 50 dlrs.

Any offers ?

73 Rag OZ8RO in Cph

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: "michael ferraro" <ferraro@sprintmail.com>

Subject: FS: Drake C Line

Message-ID: <199703201912.LAA11200@mailgate31>

T4XC, R4C, MS4 Pwr supply/speaker, a 9 on 10 scale

R4C has the following additional filters installed : am:5 kh CW:
1.5khz, 500hz, 250 hz

\$550.00 without the 500 hz and 250 hz cw filters

\$620.00 with the filters

plus 1/2 of the ups charges from Santa Barbara, CA

73,s de k6zsr "mike in montecito"

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: rsolomon@tsd.textron.com

Subject: FS: Gonset G-66B w/DC Supply

Message-ID: <9702218589.AA858966865@cctds.tsd.textron.com>

I have a Gonset G-66B with the 3098 power supply for sale. I originally bought this unit, represented as ..."in good condition"..., to add to my second Gonset Twins setup. Found out when I opened the box (a few months later due to mitigating circumstances) that the term "good condition" has a new meaning. This radio does work, BUT, it's missing the BFO Knob and shaft, the Calibrator Knob, the Antenna Tuning Knob is not stock and the S-Meter is kaput. The 3098 DC supply has been buggered to work on 12 vdc (I think it was originally for 6 vdc, not sure). I did hear BC stations, but did not tune on the upper bands. I paid \$100 for this ..."gem"... and will take best offer over \$50 plus UPS. Any less and I'll keep it for parts.

73 de Dick, W1KSZ

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: RhyneK@aol.com
Subject: FS: Hallicrafters S-76 Receiver
Message-ID: <970320232854_-1638350664@emout16.mail.aol.com>

I have for sale a Hallicrafters S-76 general Cov. receiver in very good condition.
Has all original knobs and it is working good. I would rate this receiver about a
9 on a scale of 1 to 10. Would like to get \$135 for it plus shipping. I am located
near Boston, MA.

de KA1CX

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: HA-20 HeathAmp
Message-ID: <2.2.32.19970320212537.0069e988@marlin.nosc.mil>

A friend and co-worker Leo, WA6LOS, hollowstate homebrewer and CW guy is looking for the schemo for a HeathKit HA-20 amp. Thanks folks!

Ed Zeranski ejz@marlin.nosc.mil, work
 ezeran@cris.com home
Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Surplus Al <surplsal@tl.infi.net>
Subject: Hamfest
Message-ID: <33313F52.69CF@tl.infi.net>

The HAMCOMP'97 this weekend 3/23/97 Tall Cedars of Lebanon Picnic
Grove Sawmill Road, Trenton, NJ Always has been BA'S and other Goodies
there. See you All there. AL & Lee For more private Email

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: EdKB2NSP@aol.com
Subject: Re: Hamfest Goodies
Message-ID: <970320174915_-1203511199@emout20.mail.aol.com>

Hi Fellow BA lovers

I've run out of space and have to thin a layer off the stack ! Taking
the stuff to the fests in Trenton, NJ and Timonium, Md.--- DX-100 ugly but
works well 150 --- Viking Challenger rough but operational 60 --- HT40
rough for parts 30 --- Knight T150 case needs paint otherwise excellent !
125 --- NC-300 excellent 175 --- Hallicrafters SX-111 / HT-37 / R-48 / HA-1
Very nice station 450

I will hold items there a while for any listmembers interested in looking
at the stuff If they Email me. I prefer swaps to sales, but enjoy haggling,
and hope to meet more BA people this year

Ed K.

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: don merz <71333.144@CompuServe.COM>
Subject: Heath RX-1 Seller
Message-ID: <970320173229_71333.144_DHB78-1@CompuServe.COM>

In case anyone is interested, a Mr. J-P Duncan of Scranton PA is advertising a
Heath RX-1 Mohawk receiver with the original manual and matching speaker (!)
in excellent condition (he says) for best offer. If you want to make an
offer, you can e-mail him at 74627.514@compuserve.com

FYI

73, Don

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: "Don Buska" <d.buska@aaiate.com>
Subject: Help G0GXT find 4CX250R
Message-ID: <97Mar20.202610cst.770-2@gateway.aaiate.com>

Can anyone help Doug find some 4CX250R's. Please reply to him as I am just forwarding this per his request.

Doug's email address - DOUG_MELLOR@COMPUSERVE.COM

I,m looking for a pair of new 4CX250R tubes for a vhf amplifier project,that doesnt require a second morgage on the house to buy, and thought I might stand a better chance in the US, as they are pretty rare over here.

Best wishes to you and thanks for your time.

73 de Doug G0GXT.

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
Subject: HELP:Boonton 91H-S7 RF voltmeter
Message-ID: <199703201630.RAA25366@sandra.ctv.es>

Hello BA gang!

Well, here am I again with a different topic... I've just received a Boonton 'Sensitive RF Voltmeter', model 91H-S7. It is a military unit (contract N00039-72-C-0245). Good news: the unit is in very good condition; some marks in the metal cover BUT a _almost mint_ front panel, including a very good big meter. All knobs are of course original and have a very good 'feeling' when you move them. The internals are also very good, with no sign of corrosion and no dust (!). Size is about the same as an HP-200CD, but weights less.

This equipment is obviously not too old BUT it is (of course!) tubed: 7199, 6136(6AU6), 12AX7WA, 6X4, 0A2. About manufacturing date, as contract date is from 1972 and I've found 72 dates in some components, I guess it is about end 1972 or beginning 1973. Anyway, one curious thing: non power supply tubes (all Sylvania JAN), are dated 1977, 1978 and 1981, so I think this equipment was in use not too much time ago.

It has 8 scales, labelled in the meter in RMS Volts and dBm (50 ohm), corresponding to that full scale values:

Scale #	RMS Volts	dBm
1	0.001	-50
2	0.003	-40
3	0.01	-30
4	0.03	-20
5	0.1	-10
6	0.3	0
7	1	+10
8	3	+20

It has two special markings in the meter scale: 100uV and 200uV.

The only controls the front panel has are the ZERO adjustment and the RANGE switch. There is one banana type output in the front panel, labeled 'DC OUTPUT' and two outputs on the rear side, labeled 'RECORDER' and 'DVM'. The only input, apart from power supply (117VAC, 50-400Hz), is the 'PROBE' input, which is similar to TWINAX, but with larger pins. In order to calibrate the unit, you can access to 11 potentiometers, 6 one side and 5 at the other side. All holes to access them are covered with seals which, curiously, are unopened.

Well, bad news are that I have NOT the probe, nor the manual / schematics. I would like to find both of them :-)) or, if any of you have any idea of where to find a suitable probe or how to build one, it would be also good to hear from you. Of course, I would be glad to pay usual expenses.

Another thing I'm curious is a 'mystery' device with a 7 miniature pin base, plastic case, and labeled: BEC540114 ... It is about two inches tall.

BTW, is Boonton Electronics still on business?. If so, is there any e-mail address and/or WEB page?.

Thanks and best regards.

JOSE

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-----
73 JOSE V. GAVILA (EB5AGV / EC5AAU)
46910 Benetusser - Valencia (IM99TK) SPAIN
*** PLEASE, VISIT MY HOME PAGE AT:
http://www.geocities.com/SiliconValley/6992
e-mail: eb5agv@ctv.es & eb5agv@amsat.org
-----
```

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: Re: HELP:Boonton 91H-S7 RF voltmeter
Message-ID: <19970320172454.AAA2253@LOCALNAME>

At 04:32 PM 3/20/97 +0000, you wrote:

>Hello BA gang!

>

>Well, here am I again with a different topic... I've just received a Boonton
>'Sensitive RF Voltmeter', model 91H-S7. It is a military unit (contract.....

>Well, bad news are that I have NOT the probe, nor the manual / schematics. I
>would like to find both of them :-) or, if any of you have any idea of where
>to find a suitable probe or how to build one, it would be also good to hear
>from you. Of course, I would be glad to pay usual expenses.

>

>Another thing I'm curious is a 'mystery' device with a 7 miniature pin base,
>plastic case, and labeled: BEC540114 ... It is about two inches tall.

>

>Jose,

I have a Boonton 91C RF Voltmeter, very similar to what you have.
The "mystery" device in the meter is a 'chopper'. (A precision vibrator,
actually)

If you have no RF probe, essentially the instrument is useless.
Boonton supplied the probes serially numbered with each instrument. They
supply NO DATA as to what is in the probe or any detail. The probe is an
empty block in the schematic and the probe's arrangement is "proprietary
information"!

You MAY be able to build a probe IF you can find out what's in it!
(Diodes no doubt) I don't think you will find anyone who is willing to
destroy a probe to find out.

This places anyone who has one of these and no probe in a "Catch 22" situation.
Without a probe, the meter is useless, without a meter, the probe is useless!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: John Kolb <jlkolb@cts.com>

Subject: Re: HELP:Boonton 91H-S7 RF voltmeter

Message-ID: <Pine.SC0.3.91.970320205647.19524B-100000@sd.cts.com>

On Thu, 20 Mar 1997, JOSE V. GAVILA (EB5AGV/EC5AAU) wrote:

> Hello BA gang!
>
> Well, here am I again with a different topic... I've just received a Boonton
> 'Sensitive RF Voltmeter', model 91H-S7. It is a military unit (contract
>
> Well, bad news are that I have NOT the probe, nor the manual / schematics. I
> would like to find both of them :-) or, if any of you have any idea of where
> to find a suitable probe or how to build one, it would be also good to hear
> from you. Of course, I would be glad to pay usual expenses.

There's lots of warnings that say the probe serial number has to match the S/N of the main box, but with a detailed calibration, a non-matching S/N probe may work.

>
> Another thing I'm curious is a 'mystery' device with a 7 miniature pin base,
> plastic case, and labeled: BEC540114 ... It is about two inches tall.
>

That's a chopper. Works a lot like the vibrators once used in car radio power supplies. It turns the low level DC input into AC so it can be amplified accurately.

> BTW, is Boonton Electronics still on business?. If so, is there any e-mail
> address and/or WEB page?.
>

There were two different Boontons. The Boonton that made Q-Meters became part of HP. I think BEC IS still in business.

John Kolb KK6IL

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Glenn Finerman <GFINER@nms.com>
Subject: re: HG-10 Manual
Message-ID: <s3316ae9.095@nms.com>

According to the Heathkit book, the only difference between the HG-10 and HG-10B is cosmetic. The HG-10 has a smooth finish, and the HG-10B has a wrinkle type finish (like the DX-60B)

re:>I still need a full manual for an HG-10B VFO, not sure what the

>difference is in the plain HG-10.

73.....Glenn N2BJG gfiner@nms.com

WANTED = Collins S-Line Transmitters and Receivers
TV-7 Tube tester
Tram Titan II

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Bob Reynolds <breynold@sigg.com>
Subject: HG-10B Schematic
Message-ID: <97Mar21.082611cst.19651@firewall.sigg.com>

I recently added an HG-10B to my BA collection with the manual.
However some previous owner removed the schematic. Can
anyone copy the schematic for me ? all expenses will be
covered.

thanks, Red K5VOL

breynold@sigg.com

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: HQ-129x question
Message-ID: <A5232ZWTKWNBK*/R~VAXA/R°/U~ST/@MHS>

Fellow keepers of the warm bottles,
When I got my first HQ-129, I noticed a Fahnestock clip on top of the
crystal filter housing. Thinking it to be unique to the one set, I ignored
it. I now have a second set and also have seen others that have the same
clip in the same place. I don't see it in the manual. What's it for?
Enquiring minds want to know!

Rich KB8TAD <rpost1@ohiou.edu>

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: "John D. Peters" <k1er@gte.net>

Subject: Re: HQ-129x question
Message-ID: <333297F6.2C95@gte.net>

Richard Post wrote:

>
> Fellow keepers of the warm bottles,
> When I got my first HQ-129, I noticed a Fahnestock clip on top of the
> crystal filter housing. Thinking it to be unique to the one set, I ignored
> it. I now have a second set and also have seen others that have the same
> clip in the same place. I don't see it in the manual. What's it for?
> Enquiring minds want to know!
>
> Rich KB8TAD <rpost1@ohiou.edu>

My first commercial receiver was a used HQ-129-X (Original price \$129 in 1936). I later bought a brand new one. The clip was to hold the allen wrench that fit the knobs. Feel free to buy the replacement allen wrench at any hardware store, nothing special.

73 John K1ER

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Ed Tanton <n4xy@avana.net>
Subject: Re: HQ-129x question
Message-ID: <3.0.1.32.19970321014050.0098b510@tiger.avana.net>

///snip
>1936). I later bought a brand new one. The clip was to hold the allen
>wrench that fit the knobs. Feel free to buy the replacement allen wrench
///snip

OUTSTANDING John!!!
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Richard Post <POST@ouvaxa.cats.ohiou.edu>
Subject: Re: HQ-129x question
Message-ID: <A5316ZWTLCRM29*/R~VAXA/R°/U~ST/@MHS>

Thanks to all who answered. All were in agreement. John Peters had the definitive answer, having bought one new. Will place a standard right angle Allen wrench in the clip.

Second question. One HQ-129X has the "Hammarlund" and "HQ-129X" in red color and all the rest of the panel markings in white. The other set has all of the markings in white (no red color). Both are original. Can I assume that the all-white marking was a later cost-reduced panel? (Single color ~ne pass, Two colors ~wo passes).

I vote the HQ-129X as the set least likely to have original knobs. Not only were the knobs wimpy compared to its predecessor, the HQ-120, but now I find out that the owners just HAD to try out that little Allen wrench ;-)

73, Rich KB8TAD

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: y4562@csra.net (Larry Louie)
Subject: HQ-180 versus HQ-145 Differences?
Message-ID: <199703210416.EAA26122@sco.theporch.com>

Saw an HQ-145 at the Charlotte, NC hamfest and was surprised that it looked very similar and full featured as the HQ-180. The difference in the model numbers threw me off. Wonder what year the HQ-145 came from. I know the 180 was a new piece in the early 60's. Anyone know the major differences between the two models?

Larry Louie

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: "Grant Youngman" <nq5t@gte.net>
Subject: Re: HQ-180 versus HQ-145 Differences?
Message-ID: <199703210514.XAA14338@smtp.gte.net>

> 180 was a new piece in the early 60's. Anyone know the major differences
> between the two models?
> Larry Louie

There are many differences. Quite a few of the Hammarlund receivers look identical unless they are looked at in detail. These include the HQ-145, HQ-160, HQ-170, and HQ-180, along with the "A" models.

The HQ-145 is a double conversion receiver with a crystal filter in the 455 Khz IF. It does not have a product detector. The HQ-145"A" added a product detector and some other improvements. There are several other versions of the 145, all of which are more or less variants of these.

The HQ-180 is general coverage like the HQ-145, but has a much more sophisticated IF/AVC/detector subsystem. No crystal filter, but a 50KHz third IF with variable selectivity, sideband selection, an elementary form of passband tuning (later radios), and generally a better receiver. In fact, the HQ-180A is one of my all time favorite receivers. I've owned and sold several over the last few years, and always end up buying yet another one (same thing with National HRO 50's and 60's) ... :-)

The 145 was produced in the 145A version through 1969. The 180 was introduced in 1959 and produced in various rev levels until the early 70's.

Among the resources you should have is "Communications Receivers, The Vacuum Tube Era: 1932-1981", 3rd edition by Raymond Moore. You can get it from several sources included Electric Radio and Antique Electronic Supply. About \$20, I think.

Regards .. Grant/NQ5T

Grant Youngman / NQ5T

nq5t@gte.net
<http://home1.gte.net/nq5t/index.htm>
Double Oak, TX -- nr Dallas

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: John Kolb <jlkolb@cts.com>
Subject: Re: HQ-180 versus HQ-145 Differences?
Message-ID: <Pine.SCO.3.91.970320211554.19524D-100000@sd.cts.com>

On Fri, 21 Mar 1997, Larry Louie wrote:

> Saw an HQ-145 at the Charlotte, NC hamfest and was surprised that it looked
> very similar and full featured as the HQ-180. The difference in the models
> numbers threw me off. Wonder what year the HQ-145 came from. I know the
> 180 was a new piece in the early 60's. Anyone know the major differences
> between the two models?
> Larry Louie

The HQ-145 is a dual conversion, using a crystal filter at 455 kHz for selectivity. The HQ-180 is triple conversion, using LC tuned circuits at 60 kHz to get different bandwidths and selectable sidebands.

John Kolb KK6IL

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: MODSTEPH@ACS.EKU.EDU
Subject: RE: HQ-180 versus HQ-145 Differences?
Message-ID: <01IGQWFAP6QA001BOC@ACS.EKU.EDU>

...and the 180 has six general coverage bands to the 145's four. The 145 is a good receiver; the 180 is a great receiver.

73, Al N5AIT
modsteph@acs.eku.edu
Allan Stephens
Richmond, Kentucky
LOOKING FOR (WTB): Multi-Elmac M-1070 ps
Harvey-Wells APS-50 ps

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Ho4bart@aol.com
Subject: Re: HQ-180 versus HQ-145 Differences?
Message-ID: <970321031447_1285033826@emout03.mail.aol.com>

In a message dated 97-03-21 00:15:32 EST, nq5t@gte.net (Grant Youngman) writes:

<< The 180 was
introduced in 1959 and produced in various rev levels until the early
70's. >>

i first saw this set somewhere in the early/mid 70s at a ham shop and was amazed that such an oldfashioned design was still being offered. especially so when compared to the Drake and other offerings. Hammarlund sure had a hard time getting

past their 2-dial receiver concept.
hue miller

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Ed Tanton <n4xy@avana.net>
Subject: Re: HT18 lives/Halli paint
Message-ID: <3.0.1.32.19970320135824.0097ceb0@tiger.avana.net>

///snip

>Does anyone have any suggestion as to sprucing up the semi-matte
>grey paint that Hallicrafters used on many rigs of this vintage? Its not
>glossy, so doesnt respond well to car wax...I've run into this on several
>speaker cabinets with the same type of finish. As well as being matte,
>its somewhat porous too, and stains worse than other finishes
>of the same era. Anyone have suggestions on how to make this now-dry
>looking finish look more like it did when it was new?

///snip

Hi John... one thing you might try is: polyurethane paints cure via the
moisture in the air. I have produced some extremely durable matte finishes
by applying a heavy coat of matte-finish poly. to a HORIZONTAL surface, and
then misting that painted surface heavily with water using a plant mister.
Of course you must watch where else the mist goes... masking etc.

Question: what is the best cap type for replacing those tubular paper
(plastic or wax coated) caps?

72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
189 Pioneer Trail
Marietta, GA 30068-3466

QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Ho4bart@aol.com
Subject: Re: Long-lived glowplug radios in C-130 aircraft
Message-ID: <970321025312_1019625195@emout18.mail.aol.com>

(Herewith a forward to the B/A group from hue miller:)

In a message dated 97-03-20 21:00:30 EST, you write:

<<

In the 1960's the C-54 A/C we flew the DewLine on had a pair of SCR-718 (green donut) altimeters on. Also a B/UP APN-1. (with an altitude switch). The SCR-718 were used as secondary indication to a (then) current Collins radio altimeter. When we flew into places like THULE-GREENLAND..there was a big sign at the OPS room for transient pilots...DO NOT USE SCR-718 RADIO ALTIMETERS WITHIN 100NM of THIS SIGN. At times the BMEWS (ballistic missile early warning) operators could not tell the difference between a SCR-718 and several hundred rockets being launched!! >>

(i don't know what a NM is either. nanometer? hi.)

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: "Bill Richarz" <wricharz@transprt.com>

Subject: Military Surplus

Message-ID: <19970320233230.00760da0.in@transprt.com>

--~~~~~_858936770~

Content-Type: text/plain; charset~s-ascii"

Hello gang,

Picked this up on packet. Maybe someone on the list may be interested. I do not know this person, just posting.

73 de Bill, N4DH

--~~~~~_858936770~

Content-Type: text/plain; charset~s-ascii"

Name here is Andrew, QTH is Clinton, NC.
(Southeast NC)

I have recently inheirited a warehouse full of new electronic parts.
There is NO way I could ever inventory all of them.

I have no desire to get into the parts business or to travel the Hamfests to sell this stuff. I would like to sell (or trade) all of them in a lot. It will take a VERY large truck to move them.

I plan to do a partial inventory the first week in April. I will be glad to send you a copy of this inventory or you are welcome to come and inspect them.

I have to move them because the warehouse space has been rented. I have acquired some short term storage, but I need to move fast.

All of these parts are top quality MIL-SPEC stuff. They were supplied to ITT-Telecom for various low-band rigs, tuners, and amplifiers that were built for the Navy before the Gov't cutbacks. There are even some partially assembled HF rigs and Emergency radios included in this stuff.

Also, thousands of resistors, capacitors, coils, chokes, large high voltage variable caps, rack mount cases, water tight boxes, Simpson panel meters, knobs, screws, switches and more more more.....

I would consider trades. I am willing to sell this stuff VERY cheap. The only catch is, you must take it all. Most of the parts are in boxes and there are thousands on cardboard parts bins included.

This would be a once in a lifetime opportunity to someone. This is the kind of find you dream of that really sounds too good to be true. But it is true.

I figure there is over \$20,000 worth of parts in this stuff. Naturally I don't want anywhere near this amount for it. I am willing to take trades too. I will consider all offers. Realistically, somewhere around \$2000. This is very negotiable.

This stuff has got to go. You will need a large truck, (big U-Haul might work) to move it. I can arrange help to load it if needed to make the deal.

These parts will be available for inspection the first week in April if you want to come look at them, or you can save me from having to move them and ENTER~ntinue, A'ort, N,xt, C ncel paging --> take them as they are in large boxes with limited inspection.

Call me at 910-592-6072 after 6pm ET.

Sorry, first come on this stuff. I have to move it out of the current building by April 10 and my new storage space is only available for a limited time.

73
Andrew

--~~~~~_858936770~--

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: y4562@csra.net (Larry Louie)
Subject: Need info Pwr Supply & RF Chokes

Message-ID: <199703210445.EAA26410@sco.theporch.com>

Just taken on a project to restore an HT-37 Transmitter. Looks like the the low voltage power supply choke (9 HY @ 135 ma.) has burned and exterior windings are showing. Was also quite surprised that the H.V. Choke (8 HY @ 175 ma.) looks to be about three times the size of the L.V. Choke. Anyone might know the reason why? L.V. is @ 350v. and H.V. @ 750v. Were chokes rated by voltage? Perhaps the size difference was due to the added insulation required on the H.V. Choke.

In addition the RF choke (2.5 MH) at the tank coil output and a similar one at the input to PA also look fried. I'll have to check the HV coupling coupling cap to the Tank coil for short, but can't figure out why the input to the PA was also fried. Really haven't gotten hands on yet into the rig. I'll find out more once I do some testing.

Anyway bace to my real question. Do any of the net members have any good sources for replacement chokes? The power supply replacement I need looks to be about 4x4x2 inches to fit into the old location.

Larry Louie

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "Bowes, Fr. Bruce" <GBB1@MARISTB.MARIST.EDU>
Subject: Need tube shield - 12ax7
Message-ID: <20MAR97.12153510.0129.MUSIC@MARISTB.MARIST.EDU>

I am looking for a tube shield for my newly resurrected DX40. I need a shield for the 12ax7. Be happy for any help.

Tnx

Fr Bowes

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Ed Tanton <n4xy@avana.net>
Subject: Re: Need tube shield - 12ax7
Message-ID: <3.0.1.32.19970320141430.009a0ca0@tiger.avana.net>

Dear Fr Bowes: I am certain I can come up with an appropriate tube shield for your 12AX& / DX40. Please let me know where to send it.

At 04:18 PM 3/20/97 GMT, Bowes, Fr. Bruce wrote:

>I am looking for a tube shield for my newly resurrected DX40. I need

>a shield for the 12ax7. Be happy for any help.

>Tnx

>Fr Bowes

>
>
72/73

Ed Tanton N4XY EMAIL: n4xy@avana.net TEL: (770)579-3933 V/MBX/FAX
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QRP-ARCI#7663 G-QRP#6779 OK-QRP#172 QRP-L#758 AdvRC#140
NORCAL#1779 NCDXF SEDXC

Life Member: ARRL AMSAT IDRA INDEXA QCWA
URL: Coming Sooner or Later

"Think you can, think you can't: either way you're right!" Henry Ford

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Mark Shelhamer <ms@space.mit.edu>
Subject: R-390A front panel
Message-ID: <199703202214.QAA01031@uro.theporch.com>

In a recent posting, Allan Fritsche mentioned that his R-390A front panel had a nasty bend in the upper left corner. I recently got an R-390A via UPS, and it too had a bent front panel (this one in the lower right). I was pretty sure that this didn't happen in shipment, since the box would have shown more damage and certainly other things would have been broken with the kind of force necessary to bend that thick panel that much. Also, the paint on the bent portion was still intact. So it seems to me that maybe these panels were sometimes bent deliberately. The questions I have are: who would have done so, and - given that I pounded on mine with a hammer and couldn't bend it back - how did they do it? Is this another method of demilitarization?

Mark
WA3YNO

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: dfrancis@access.usa.net (Dexter Francis)
Subject: RAK-8 Power/Hookup ?'s
Message-ID: <v01520d00af573c7dcb26@[207.0.57.74]>

Ahoy to the crew -

A RAK-8 has recently docked at our pier and the PortMaster is in need of some feeding advice.

The Schematic I've downloaded from the net is too coarse to figure out all the connections from the power supply to the rig. I understand the beast wants well regulated 180 Volts and 6 Volts, but would like to figure out which screw terminals are which. (I'm going to have to roll my own PS.)

The Schematic seems to indicate that the cable color coding/assignments are:

- ? - Shield
- 1 - Black - ?
- 2 - Grn/Yell - ?
- 3 - Yell/Red (6V)
- ? - Red - (180)
- 5 - Red/Bl - ?

However I'm not sure what the screw terminal ordering is. Is (#1) toward the bow or stern?
(I'm also not sure if these numbers apply to the radio or the power supply...)

I'm referring to the long terminal strip in the upper forward quadrant, next to the Filament Voltage meter. My guess is that this is where the incoming power gets applied, but as this rig didn't have **any** wires coming in the back, thru the filter lump or otherwise, I'm at a bit of a loss to figure it out.

So, RAK-8 Power hook-up advice egerly sought.

-df

* CWest Tube Sales - P.O. Box 22443 SLC, UT 84122 *
* (801) 363-TUBE voice/fax, E-mail: tubes@usa.net *
* For a current listing of New and Used Tubes try *
* http://www.usa.net/~dfrancis/CWest_Tube_Sales.html *

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "Edward J. Zeranski" <ejz@nosc.mil>
Subject: Re: RAK-8 Power/Hookup ?'s
Message-ID: <2.2.32.19970320213044.006ebd4c@marlin.nosc.mil>

>A RAK-8 has recently docked at our pier and the PortMaster is in need of
>some feeding advice.

>

>The Schematic I've downloaded from the net is too coarse to figure out all

>the connections from
 >the power supply to the rig.
 >The Schematic seems to indicate that the cable color coding/assignments are:
 >
 >? - Shield
 >1 - Black - ?
 >2 - Grn/Yell - ?
 >3 - Yell/Red (6V)
 >? - Red - (180)
 >5 - Red/Bl - ?
 >

I just sent a similar answer to Larry "Mil BA" Godek. This is what I have from my RAL which uses the same PS. The RAL terminals are read from front to rear.

There is a gif of the RAL/RAK schematics at:
<http://linux.cec.army.mil/hamradio/equipment/sch/rak.gif>.

	RX	PWR supply
My RAL is pinned out	1= B-/gnd	1
	2= -6v fils	2
	3= +6 fils	3
	4 not used	
	5= 90v	4
	6= 180v	5
	7= audio to filter	both audio to can in RX case
	8=audio to filter	

My pwr supply is Type CND 20131 by RCA ser# 3353
 I have 2 copies of the RAL manual coming but not the RAK. The guy in the know on these is Bob Keyes, rdkeys@csemail.cropsci.ncsu.edu.

Hope it helps.

Ed Zeranski ejz@marlin.nosc.mil, work
 ezeran@cris.com home
 Wooden Boats, Tube Receivers, Rusty Old Trucks, The Good Stuff!

This is a private opinion or statement and is nobody's fault but mine. No person, employer, or govt. should try to take credit for it!

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
 From: jproc@bellglobal.com

Subject: RE: RAK-8 Power/Hookup ?'s

Message-ID: <Chameleon.4.01.2.970320205157.jproc@jproc.bellglobal.com>

>However I'm not sure what the screw terminal ordering is. Is (#1) toward
>the bow or stern?

Dexter,

Pin 1 is towards the back. Pin 8 is at the front.

Regards,

Jerry Proc VE3FAB

E-mail: jproc@bellglobal.com

HMCS HAIDA Naval Museum, Toronto

WEB <http://www3.sympatico.ca/hrc/haida>

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: Jerry Proc <jproc@bellglobal.com>

Subject: RE: RAK-8 Power/Hookup ?'s

Message-ID: <01BC35E1.43FE8A40@finlay.bellglobal.com>

From: Al Klase[SMTP:skywaves@bw.webex.net]

Sent: March 21, 1997 1:23 AM

Subject: Re: RAK-8 Power/Hookup ?'s

jproc@bellglobal.com wrote:

However I'm not sure what the screw terminal ordering is. Is (#1) toward
> >the bow or stern?

> Dexter,

>

> Pin 1 is towards the back. Pin 8 is at the front.

>

Jerry,

Are you sure? The RAK-6 and RAK-7 manuals say just the opposite.

Al,

The RAK aboard the ship is the -5 variant. My manual is for the -7. Since I had to homebrew a power supply for the unit, I distinctly remember pin 1 on the terminal strip being at the rear. Since the dash numbers reflect different manufacturers, perhaps RCA Victor, Montreal the contractor for the -5, implemented the terminal strip differently, or perhaps someone previous to me has flipped it. Since I have no other reference points, I 'm at a loss to explain the discrepancy.

I can only recommend that the terminal strip on the RAK be ohmed out to ensure that the connections go to their respective places.

Regards,
Jerry Proc
jproc@bellglobal.com

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: RAL/RAK schematics in the BA Archives
Message-ID: <9703210422.AA128662@csemail.cropsci.ncsu.edu>

Folks, high quality RAL schematics are in the BA archives on theporch. The RAK is close enough so that they both share enough to get them up from just the RAL schematic alone. If my memory serves me correctly, the power supply schematic is also in that RAL stuff.

Also the dial calibration cards are there too. Someday, maybe even the whole manual will be there.

73/ZUT DE NA4G/Bob UP

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: rdkeys@csemail.cropsci.ncsu.edu
Subject: Re: RAL/RAK schematics in the BA Archives
Message-ID: <9703210515.AA128680@csemail.cropsci.ncsu.edu>

>

> Folks, high quality RAL schematics are in the BA archives on theporch.
> The RAK is close enough so that they both share enough to get them up
> from just the RAL schematic alone. If my memory serves me correctly,
> the power supply schematic is also in that RAL stuff.

Minor gooficus boatanchorbobus --- the power supply schematic is not there. But, the pinouts and voltages are there for the receivers.

RAL (and RAK) PINOUTS:

Pin 1 ~ground

Pin 2 ~- filament or ground

Pin 3 ~+ filament

Pin 4 ~NC

Pin 5 ~+90vdc (Note 1)

Pin 6 ~+180vdc (Note 1)

Pin 7 ~audio line floating (not grounded --- Note 2)

Pin 8 ~audio line floating (not grounded --- Note 2)

Note 1: The receiver can be operated on 180vdc by merely connecting +180vdc to Pin 6 because there is an internal dropping resistor that provides the detector B+ from the 180v line if the regulated +90vdc is not provided. Also, the pins 5 and 6 may be jumpered and the receiver run from about 72vdc to no more than 90vdc on the plate line (if the internal bypass isolation resistors are jumpered, the entire receiver will run quite well on 24-36vdc plate voltage). UNDER NO CONDITIONS RUN MORE THAN 180vdc PLATE VOLTAGE. YOU WILL BURN OUT THE TRANSFORMER AND AUDIO FILTERS.

Note 2: The audio lines MUST BE FLOATING. DO NOT ATTEMPT TO GROUND ONE SIDE OF THE AUDIO LINES. The transformer is internally grounded at its center. You can burn up the audio transformer if you do ground it and are running 180vdc plate voltages.

Note 3: The jumpers underneath the front panel may be opened if you desire to run the power control from the front panel. If you are using the original power supply, this is not recommended. If you are using battery power or an other type of power supply, that is OK.

>

> Also the dial calibration cards are there too. Someday, maybe even the
> whole manual will be there.

Print out the dial calibration cards on heavy card stock and cut out to fit the dial calibration card holder.

73/ZUT DE NA4G/Bob UP

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Rodger Singley <rbsing1@rs6000.cmp.ilstu.edu>
Subject: RME-VHF152A and Viking 1
Message-ID: <199703211418.IAA49514@rs6000.cmp.ilstu.edu>

Greeting anchorites,

I decided to "bite" on a couple of the less expensive units offered by SS of Nebraska and I am reasonably pleased. Among other "cheapies" I picked up an RME VHF152A and do not have documentation-At some point I would like to acquire at least a schematic for this unit but in the mean time a simple question, what is the proper output frequency for this unit? The one I have is set up for 9 Mcs (for some reason I recall 8 Mcs as being correct). By the way, the unit does pick up "local" (30 miles distant) repeaters along with the Peoria national weather service image :([Thus I probably would like to shoot for a lower output freq if this is possible. The only other RME I own is a 4350 from the Electrovoice era and now I understand better the comments on RME construction-the 152A is much better.

I also bought a caseless Viking 1 (for \$40 it seems okay, front panel is good; all knobs and other parts are there and excellent and it does produce RF-even modulated). Short of the offer of a Viking 1 case from the list I will probably put my woodworking skills to use to build matching wood cases for this unit and the caseless (not tasteless) SX42 I have acquired. Although my Viking II unit is pretty close, I would like to get a schematic and basic set up instructions for the Viking 1 (specifically idle plate current for the rather expensive 4D32).

Overall, I bought several pieces from Surplus Sales and they are as described over the phone-and the staff was willing to take quite a bit of time to answer questions. The only discrepancy I have found is that the Viking came with a 5V4 plugged into one of the 5R4 sockets and the parts 122 VFO (actually easily restorable) had a 35W4 in place of the VR tube-so if you do buy units from SS, check tube placement before plugging in! And if you have read this far, if anyone has an S20R manual they could copy for me, I would appreciate it.

Thanks and best wishes,
Rodger WQ9E

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: Ships Radios

Message-ID: <199703211205.HAA07160@mail-e2b.gnn.com>

At the Scottsdale swapmeet last weekend whilst visiting with another BA collector, a nearby listener chimed in with a comment that when they went into one of the "big" boats to salvage some gear up in the Seattle area, they found all the radio gear had been smacked in the face with a sledgehammer. Lots of unhappy faces after that remark.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: "Jim Berry" <basalop@eskimo.com>
Subject: Re: Ships Radios
Message-ID: <199703211426.GAA26053@mail.eskimo.com>

When was this and what was the ship? Remember stuff like that happening in the 60's and 70's. Was caused by vandals who loved to thrash things. They would pull anything and toss it overboard to watch the splash.

73 Jim

Larry Godek said:

> another BA collector, a nearby listener chimed in with a comment
> that when they went into one of the "big" boats to salvage some
> gear up in the Seattle area, they found all the radio gear had been
> smacked in the face with a sledgehammer. >
>

Jim Berry K7SLI. QTH: Marysville, Wa (Near Seattle)
Email: basalop@eskimo.com FAX: 360-659-1360
Snail Mail: 5318 142nd PL NE Marysville, Wa 98271

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: djhutch@concentric.net
Subject: Subscription Address
Message-ID: <333189ED.2372@concentric.net>

Could someone help me out with the mailing address to send my check for my BA's subscription?

Thank you,

Dave K9HT

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: Joe Eide <jeide@eau.net>
Subject: SX-130
Message-ID: <333226F1.56A9@eau.net>

I would like to sell my SX-130 in very nice original condition (no manual) for \$130 shipped CONUS. I would trade for a Collins cabinet or speaker or ? for the St James grey series.

Thank you .. Joe - KB9R jeide@eau.net 715-834-4582

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: Tom Norris <badger@telalink.net>
Subject: Thanks all for tube sub help!!!
Message-ID: <2.2.32.19970320200500.006a0104@telalink.net>

>Thanks to all that replied to my tube question regarding
>6DC6 subs. I really need a tube guide one of these days.....
>Looks like consensus has the 6CB6 as the most likely condidate
>for my R390A front end....
>
>who has an extra tube reference that they would want to
>get rid of on the cheap?
>
>Tom Norris KA4RKT
>badger@telalink.net
>
>

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997
From: "Frank R. White" <frw@gvi.net>
Subject: Re: Vintage SSB on 160m

Message-ID: <33321F47.53FD@gvi.net>

Hi gang,

I've been wondering when someone would mention the Swan 160:

> Steve Rodowicz wrote:

> Swan 160 Transceiver (rumored, I've never seen one)

>

They are for real; I've got one along with the 160-VF0. The transceiver has the same cabinet and chassis layout as the Swan 500. The Swan 160 is a monobander and instead of the Band Switch, you can select power input settings. It's a neat rig.

73,

Frank

W0BE

frw@gvi.net

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: W9zr@aol.com

Subject: Want: Rockwell Collins 30L1

Message-ID: <970321082610_-1739279554@emout19.mail.aol.com>

I am looking for a Rockwell Collins emblem 30L1. Anyone know of one available?

Many thanks!

73 Randy

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: Sandy W5TVW <ebjr@worldnet.att.net>

Subject: Weller parts?

Message-ID: <19970320202833.AAB16195@LOCALNAME>

Anyone know of any local or other dealers who might have replacement housing shells for a Weller WD-135 soldering gun? None of the "local yokels" here have anything.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: 860 tubes, WL-460 tubes, RK-18,20,28 tubes

Butternut HF2V antenna, G-R test gear.....*

From boatanchors@sco.theporch.com Fri Mar 21 09:29:46 1997

From: Al Klase <skywaves@bw.webex.net>

Subject: Re: Weller parts?

Message-ID: <333227A2.1B3A@webex.net>

Sandy W5TVW wrote:

>

> Anyone know of any local or other dealers who might have replacement
> housing shells for a Weller WD-135 soldering gun? None of the "local
> yokels" here have anything.

You might try:

John Kozolowski
306 Riverside Ave.
Buffalo, NY 14207
716-875-8538

He does the East coast hamfest circuit and specializes in Weller stuff
including a lot of old stock parts.

--

Al Klase - N3FRQ

skywaves@bw.webex.net

Flemington, NJ

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997

From: lsmith <ckvnfm@mb.sympatico.ca>

Subject: What is a CAA 322?

Message-ID: <3331981A.2717@mb.sympatico.ca>

I have aquired 5 of these strange looking beasts, and going on the
boatanchors list advice of grab it now, worry about what is later,... I
now need the help of someone with a tube manual bigger than I own. As
always, your help is appreciated. 73 from Canada de
Lee Smith,
VE4ANC

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "D. Ragsdale" <doragsda@polymail.cpunix.calpoly.edu>
Subject: What's a JAN 7410 tube?
Message-ID: <199703201627.IAA09851@monet.artisan.calpoly.edu>

Anyone know what a JAN-7410 is? All of the elements appear to be inside some kind of shielding inside the envelope. Anyone need one? Thanks in advance.

Dave

David Ragsdale, R.E.H.S. Risk Management
California Polytechnic State University, San Luis Obispo, CA
du651@oasis.calpoly.edu or doragsda@cymbal.aix.calpoly.edu

From boatanchors@sco.theporch.com Thu Mar 20 20:39:14 1997
From: "Morton L. Denison" <mdenison@postoffice.ptd.net>
Subject: [Fwd: FS/FT: Lettine Radio model 242 (1950s 6m a-m transmitter) PROJECT RIG]
Message-ID: <333188CD.38D0@postoffice.ptd.net>

Path: news.ptd.net!newsgate.ptd.net!news.fast.net!news.sprintlink.net!news-dc-5.sprintlink.net!news-pull.sprintlink.net!news.sprintlink.net!news-peer.sprintlink.net!cs.utexas.edu!news.ti.com!news.dseg.ti.com!news

From: k5dh@dlep1.itg.ti.com (Mustang Maniac)
Newsgroups:
rec.radio.amateur.boatanchors,rec.radio.swap,rec.radio.amateur.homebrew
Subject: FS/FT: Lettine Radio model 242 (1950s 6m a-m transmitter) PROJECT RIG